



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re U.S. Patent Application of )  
SHIRAI et al. ) **Unit 2877**  
Application Number: 10/751,489 )  
Filed: February 6, 2004 )  
For: CHEMICAL SUBSTANCE MEASURING APPARATUS )  
USING OPTICAL WAVEGUIDES )  
ATTORNEY DOCKET No. HITA.0483 )

**Commissioner of Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**LETTER**

Sir:

The below-identified communications are submitted in the above-captioned application or proceeding:

Interview Summary  
 Check for .00

The Commissioner is hereby authorized to charge payment of any fees associated with this communication, including fees under 37 C.F.R. 1.16 and 1.17 or credit any overpayment to **Deposit Account Number 08-1480**. A duplicate copy of this sheet is attached.

Respectfully submitted,

Stanley P. Fisher  
Registration Number 24,344

Juan Carlos A. Marquez  
Registration Number 34,072

**REED SMITH LLP**  
3110 Fairview Park Drive  
Suite 1400  
Falls Church, Virginia 22042  
(703) 641-4200

**March 13, 2006**



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re U.S. Patent Application of )  
SHIRAI et al. ) **Unit 2877**  
Application Number: 10/751,489 )  
Filed: February 6, 2004 )  
For: CHEMICAL SUBSTANCE MEASURING APPARATUS )  
USING OPTICAL WAVEGUIDES )  
ATTORNEY DOCKET NO. HITA.0483 )**  
Examiner  
Marissa Detschel

**Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**INTERVIEW SUMMARY**

Hereinbelow is a summary of the personal interview conducted with the Examiner in connection with the above-referenced application.

**Interview Date:** January 6, 2006  
**Interview Time:** Telephonic  
**Attendees:** Juan Carlos A. Marquez, Examiner Marissa Detschel  
**Claims Discussed:** none  
**Exhibits shown:** none  
**Prior art discussed:** prior art of record in general was discussed

**Discussion/Agreements Reached:**

Amendments to the specification and drawings to place the application in condition for allowance, as outlined in the attachments to the Notice of Allowability were discussed with the Examiner. Applicants' undersigned representative agreed to the amendments proposed by the Examiner, and thanked the Examiner for her consideration in this matter.

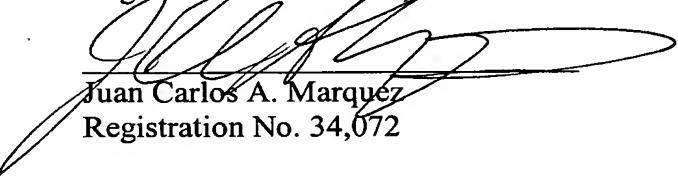
**Conclusion**

The Examiner is respectfully requested to acknowledge receipt and consideration of this Interview Summary. Should there be any outstanding issues requiring discussion that would further the prosecution and allowance of the above-captioned application, the Examiner is invited to contact the Applicant's undersigned representative at the address and phone number indicated below.

Respectfully submitted,

---

Stanley P. Fisher  
Registration Number 24,344



Juan Carlos A. Marquez  
Registration No. 34,072

**REED SMITH LLP**  
3110 Fairview Park Drive  
Suite 1400  
Falls Church, Virginia 22042  
(703) 641-4200

**March 13, 2006**